

Top 20 Chemicals with Largest TRI On-site and Off-site Disposal or Other Releases, 2002: Petroleum Terminals/Bulk Storage (SIC 5171)

Top 25 Chemicals with Largest RTI On Site and Off-site Disposal or Other Releases, 2022: Petroleum Refineries Bulk Storage (Continued)																	Total On-site and Off-site Disposal or Other Releases Pounds
CAS Number Chemical	On-site Disposal to Class I Underground Injection				On-site Disposal or Other Releases										Total On-site Disposal or Other Releases Pounds	Total Off-site Disposal or Other Releases Pounds	
	RCRA Subtitle C		Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	Surface Impoundment Pounds	Other Land Disposal Pounds	Subtotal Pounds					
	Class I Wells Pounds	Landfills Pounds															
1634-04-4 Methyl tert-butyl ether	0	0	0	0	304,098	757,778	3,851	0	0	5	250	1,065,982	1,065,982	45,194	1,111,176		
108-88-3 Toluene	0	0	0	0	165,785	319,491	1,448	0	0	1	8,356	495,081	495,081	50,919	546,000		
110-54-3 n-Hexane	0	4	0	4	130,126	326,560	3,143	0	0	3	2,366	462,199	462,203	22,160	484,363		
1330-20-7 Xylene (mixed isomers)	0	0	0	0	119,976	177,226	1,820	0	0	1	8,462	307,484	307,484	50,710	358,194		
71-43-2 Benzene	0	0	250	250	87,531	191,955	2,171	0	0	2	965	282,624	282,874	14,395	297,269		
-- Nitrate compounds	0	0	0	0	0	0	280,428	0	0	0	0	280,428	280,428	756	281,184		
95-63-6 1,2,4-Trimethylbenzene	0	4	0	4	43,522	61,169	823	0	0	0	9,815	115,330	115,334	22,094	137,428		
100-41-4 Ethylbenzene	0	0	0	0	38,620	55,759	916	0	0	0	1,665	96,959	96,959	14,457	111,416		
78-93-3 Methyl ethyl ketone	0	0	0	0	15,075	7,125	0	0	0	0	45,770	67,970	67,970	0	67,970		
7440-50-8 Copper	0	0	0	0	0	0	0	0	0	0	64,186	64,186	64,186	0	64,186		
110-82-7 Cyclohexane	0	0	0	0	17,823	38,305	294	0	0	0	1,121	57,543	57,543	2,495	60,038		
91-20-3 Naphthalene	0	0	0	0	18,420	29,995	361	0	0	0	4,720	53,496	53,496	4,188	57,684		
67-56-1 Methanol	0	0	0	0	28,958	19,332	5	0	0	0	0	48,295	48,295	0	48,295		
-- Lead compounds	0	0	0	0	448	261	22	0	0	0	35,112	35,844	35,844	6,320	42,164		
75-65-0 tert-Butyl alcohol	0	0	0	0	9,379	21,745	38	0	0	0	0	31,162	31,162	993	32,155		
115-07-1 Propylene	0	0	0	0	11,668	11,309	0	0	0	0	0	22,977	22,977	0	22,977		
7782-50-5 Chlorine	0	0	0	0	1,021	0	11,978	0	0	0	0	12,999	12,999	0	12,999		
80-62-6 Methyl methacrylate	0	0	0	0	2,780	8,420	29	0	0	0	0	11,229	11,229	0	11,229		
74-85-1 Ethylene	0	0	0	0	5,393	4,020	0	0	0	0	0	9,413	9,413	0	9,413		
98-82-8 Cumene	0	0	0	0	1,756	4,220	14	0	0	0	0	5,990	5,990	892	6,882		

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/tridata/index.htm#pdr.

On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), Surface Impoundments (5.5.3) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection (M71), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), Surface Impoundments (M63), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1 Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

Facilities/forms are included in the manufacturing industry categories (SIC Codes 20-39) if they did not report a SIC code in the other industries. Forms that reported more than one 2-digit SIC code within the range 20 to 39 are assigned to the "multiple codes" category. Facilities/forms are included in the other industry categories if the facility/form has a SIC code in the other industries and no SIC code in 20-39. If the facility reported in any year prior to 1998 and the facility/form has a combination of manufacturing and other industry SIC codes, then the facility/form is included in the manufacturing industry category. If the facility reported for the first time in 1998 or later and the facility/form has a combination of manufacturing and other industry SIC codes, then the facility/form is included in the other industry category. Forms with no 2-digit SIC code are included in the "no codes" category. One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2002 and previous years have been included in SIC code 10 for the purpose of this analysis.